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		Express Mail No.	EL 991956901 US
DECLARATION FOR UTILITY, DESIGN, DIVISIONAL AND CONTINUATION-IN-PART PATENT APPLICATIONS (37 CFR 1.63)		Attorney Docket Number	55025/45276
		First Named Inventor	Megan Ravetz
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing		COMPLETE IF KNOWN	
<input type="checkbox"/> Supplemental Declaration Submitted		Application Number	To be assigned
<input type="checkbox"/> Declaration Submitted for Continuation-In-Part Filing		Filing Date	Herewith
<input checked="" type="checkbox"/> Declaration Submitted for Divisional Filing		Group Art Unit	To be assigned
		Examiner Name	To be assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

An improved apparatus for the delivery of precursors in the vapour phase to a plurality of epitaxial reactor sites

(Title of the Invention)

the specification of which

 is attached hereto

OR

 was filed on (MM/DD/YYYY) / as United States Application Number or PCT InternationalApplication Number / and was amended on (MM/DD/YYYY) / (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			YES	NO
GB0002559/ 9929279.9	PCT GB	7/3/00 12/11/99	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
<input type="checkbox"/> Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:				

[Page 1 of 4]

22282961905416 Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Number
or Bar Code Label **021888** OR Correspondence address below

Name Kenneth Solomon**Address** Thompson Coburn LLP, One US Bank Plaza, Suite 3500**City** St. Louis **State** MO **ZIP** 63101-9928**Country** USA **Telephone** 314-552-6297 **Fax** 314-552-7297

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : A petition has been filed for this unsigned inventor

Given Name (first and middle [if any]) Megan	Family Name or Surname Ravetz
--	---

Inventor's Signature <i>Megan Ravetz</i>	Date 17/12/03
--	----------------------

Residence: City Newton	State Chester	Country United Kingdom	Citizenship United Kingdom
-------------------------------	----------------------	-------------------------------	-----------------------------------

Mailing Address 67 Broadway West

City Newton	State Chester	ZIP	Country United Kingdom
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NAME OF SECOND INVENTOR : A petition has been filed for this unsigned inventor

Given Name (first and middle [if any]) Graham	Family Name or Surname Williams
---	---

Inventor's Signature <i>G. Williams</i>	Date 17/12/03
---	----------------------

Residence: City Heswall	State Wirral	Country United Kingdom	Citizenship United Kingdom
--------------------------------	---------------------	-------------------------------	-----------------------------------

Mailing Address Tinkersdale, Tower Road North

City Heswall	State Wirral	ZIP CH60 6RS	Country United Kingdom
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Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (11-00)

Approved for use through 10/31/2002. OMB 0851-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 3 of 4**

Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
--	---

Given Name (first and middle (if any))	Family Name or Surname
--	------------------------

Andrew	Nelson
--------	--------

Inventor's Signature	Date <u>7-1-2004</u>
----------------------	----------------------

Cowbridge Residence: City	Vale of Glamorgan State	United Kingdom Country	United Kingdom Citizenship
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Mailing Address	LLANSANFOR HOUSE
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Cowbridge City	Vale of Glamorgan State	CF71 7RQ ZIP	United Kingdom Country
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Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
--	---

Given Name (first and middle (if any))	Family Name or Surname
--	------------------------

Roy Trevor	Blunt
------------	-------

Inventor's Signature	Date <u>7th Jan 2004</u>
----------------------	--------------------------

Cwmbran Residence: City	Gwent State	United Kingdom Country	United Kingdom Citizenship
-------------------------	-------------	------------------------	----------------------------

Mailing Address	'Estoril', Bryn Rhedyn, Llanfrechfa
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Mailing Address	
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Cwmbran City	Gwent State	NP44 8UB ZIP	United Kingdom Country
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Name of Additional Joint Inventor, if any:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
--	---

Given Name (first and middle (if any))	Family Name or Surname
--	------------------------

Howard	Williams
--------	----------

Inventor's Signature	Date <u>7th Jan 2004</u>
----------------------	--------------------------

St. Mellons Residence: City	Cardiff State	United Kingdom Country	United Kingdom Citizenship
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Mailing Address	
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St. Mellons City	FFORDD FFAGAN
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St. Mellons City	Cardiff State	CF3 1AB ZIP	United Kingdom Country
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PTO/SB/02A (11-00)

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DECLARATION

**ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 4 of 4**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Rajesh		Odedra	
Inventor's Signature			Date 17/12/03
Altrincham Residence: City	Cheshire State	United Kingdom Country	United Kingdom Citizenship
221 Manchester Road Mailing Address			
Altrincham City	Cheshire State	WA14 5NU ZIP	United Kingdom Country
Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
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Express Mail No. EL 991956901 US

Application Number	To be assigned
Filing Date	Herewith
First Named Inventor	Megan Ravetz
Title	An improved apparatus for the delivery of precursors in the vapour phase to a plurality of epitaxial reactor sites
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	55025/45276

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

I hereby appoint:

Practitioners at Customer Number
OR

Practitioner(s) named below:

021888

Place Customer
Number Bar Code
Label Here

Name	Registration Number

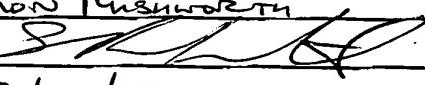
as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

<input type="checkbox"/> Firm or Individual Name	Kenneth Solomon				
Address	Thompson Coburn LLP				
Address	One US Bank Plaza				
City	St. Louis	State	MO	Zip	63101-9928
Country	USA				
Telephone	314-552-6297	Fax	314-552-7297		

I am the:

- Applicant/Inventor.
- Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Simon Rushworth
Signature	
Date	17/12/03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of _____ forms are submitted.

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PTO/SB/81 (02-01)

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Express Mail No. EL 991956901 US

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	To be assigned
Filing Date	Herewith
First Named Inventor	Megan Ravetz
Title	An improved apparatus for the delivery of precursors in the vapour phase to a plurality of epitaxial reactor sites
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	55025/45276

I hereby appoint:

Practitioners at Customer Number
OR

Practitioner(s) named below:

021888

Place Customer
Number Bar Code
Label Here

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

<input type="checkbox"/> Firm or Individual Name	Kenneth Solomon			
Address	Thompson Coburn LLP			
Address	One US Bank Plaza			
City	St. Louis	State	MO	Zip
Country	USA			
Telephone	314-552-6297	Fax	314-552-7297	

I am the:

- Applicant/Inventor.
 Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	ANDREW NELSON
Signature	<i>AN Nelson</i>
Date	19 th January 2004.

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

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